

Notice of Allowability	Application No.	Applicant(s)	
	10/065,320	STIMAC ET AL.	
	Examiner	Art Unit	
	Minh D A	2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/17/04.
2. ☒ The allowed claim(s) is/are 1,3,4,6,9-11 and 14-28.
3. ☒ The drawings filed on 10 March 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>2/17/04</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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Wilson Lee
Primary Examiner

Allowable Subject Matter

1. Claims 1, 3-4, 6, 9-11, 14-28 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art does not teach or fairly suggest that, an electronics module is receiving input electrical power and a lighting control signal, the electronics module including an output coupler rigidly attaching to the optical module for delivering conditioned electrical power to the electrical conduit, the electronics module further including electrical conditioning circuitry for selectively electrically coupling the input electrical power to the output coupler based on the lighting control signal to selectively power to the LEDS of the first, second and third colors to produce light of a color selected by the lighting control signal in combination with all limitations recited in independent claim 1.

The prior art does not teach that, a heat sink having a first side , a second side opposite the first side and a conduit connecting the first side and second side, the electronic module converting electrical input power into a conditional electrical power, the light emitting diodes into a conditional electrical power, the light emitting diodes receiving the conditional electrical power from the electronic module via the conduit in combination with all limitations recited in independent claim 14.

The prior art does not teach that, selecting an LED-based lamp conforming at least to a diameter of the MR- or PAR-type lamp; selecting a selected electronic module including a connector configured to mate with the electrical receptacle of the lamp fixture, the selected electronic module being selected from amongst a plurality of

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electronics modules having different connectors and identical output couplers; and mechanically joining the selected LED-based lamp and the selected electronic module to form an LED-based retro-fit unit by mating the output coupler with the LED-based lamp, the mechanical joining effectuating electrical connection there-between in combination with all limitations recited in independent claim 19.

The prior art does not teach that, a plurality of electronics modules, each module including: (i) an output coupler adapted to mate with the heat sink to convey power to the plurality of LEDS via the electrical conduit of the heat sink, and (ii) an electrical power connector for receiving electrical power, the electronics modules each having the same output coupler but different electrical power connectors, each electronics module housing circuitry converting the electrical power received at its electrical power connector into a common output power delivered to the output coupler to drive the LEDS in combination with all limitations recited in independent claim 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chen et al (US 6,580,228) and Sakai et al. (US 6,501,084) are cited to show a light emitting device.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Minh A whose telephone number is (703) 605-4247. The examiner can normally be reached on M-F (7:30 –4:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Don Wong, can be reached on (703) 308-4856. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and (703) 872-9319 for final communications.


Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0956.

Examiner

Minh A

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4/03/04


Wilson Lee
Primary Examiner